18   Riparian Forest

EVCGroupNo: 9 GroupName: Riparian Forests or Woodlands

EVCSubGroupNo: 9.1   SubGroupName: Riparian Forests or Woodlands   ☑ CCMA

EVCType: EVC

RegDescription: Riparian Forest is scattered throughout the region (OR/OP/WP) as narrow bands along the banks and alluvial terraces of (usually) perennial swift flowing streams. Soils are well-drained and alluvial and a constant supply of moisture supports a tall, high biomass, multi-layered, species-rich forest. The overstorey is usually patchy in cover. It is dominated by Manna Gum with Blue Gum, Narrow-leaf Peppermint, Messmate and Swamp Gum also occurring. The small tree layer includes Blackwood, Silver Wattle and Hazel Pomaderris. The tall shrub stratum includes Prickly Currant-bush, Hop Goodenia and Austral Mulberry. The groundlayer is diverse in water-dependent species including sedges, forbs and ferns. Species present include Fishbone Water-fern, Water-ribbons, Austral Brooklime, Tall Sedge, Swamp Club-sedge and Rushes. Due to a history of disturbance in many of these areas and the moist, fertile nature of the soils weeds such as Blackberry and Yorkshire Fog-grass are common and may dominate.

Within the Otway Ranges, Riparian Forest occurs along rivers and creeks, on alluvial terraces and occasionally in the heads of gullies leading into creeks and rivers. The rainfall of is high, averaging 1250mm per annum and average altitude is 200m asl. Soils are alluvial, fine grey sand at the surface, gradually changing to a mottled orange clay loam at depth. The overstorey is dominated by Blackwood with Manna Gum occurring in less than half of the sites surveyed. The rare Brooker's Gum may also be present. The understorey includes a variety of tall shrubs including Austral Mulberry, Prickly Currant-bush, Musk Daisy-bush, Hazel Pomaderris, Banyalla and Privet Mock-olive. The ground layer is dominated by a high diversity of moisture-dependent ferns. Taller ferns and epiphytes include Kangaroo Fern, Soft tree-fern and Rough Tree-fern. Rare plants include: Skirted Tree-fern, Slender Tree-fern, Ground Spleenwort, Tufted Club-sedge and Snowdrop Wood-sorrel. Other species include Scrub Nettle, Shade Nettle, Forest Starwort, Tall Sedge and the weed Blackberry.

Notes:

SimilarEVCs:

Associated EVCs:

Rainfall (Ave or Range):   1250 mm (OR)   Altitude: 200m (OR)   Soils: Well-drained alluvial soils

CVU Character Species		AROT/VROT/Freq.	VP Character Species		AROT/VROT/Freq.
Acacia melanoxylon	Blackwood	0.71	Acacia melanoxylon	Blackwood	1
Acacia verticillata	Prickly Moses	0.29	Blechnum nudum	Fishbone Water-fern	0.5
Acaena novae-zelandiae	Bidgee-widgee	0.93	Blechnum wattsii	Hard Water-fern	0.75
Adiantum aethiopicum	Common Maidenhair	0.71	Carex appressa	Tall Sedge	0.5
Blechnum nudum	Fishbone Water-fern	0.64	Carex gaudichaudiana	Fen Sedge	0.75
Carex appressa	Tall Sedge	0.5	Clematis aristata	Mountain Clematis	0.75
* Centaurium erythraea	Common Centaury	0.43	Coprosma quadrifida	Prickly Currant-bush	0.5
* Cirsium vulgare	Spear Thistle	0.29	Eucalyptus viminalis	Manna Gum	0.5
Clematis aristata	Mountain Clematis	0.57	Hedycarya angustifolia	Austral Mulberry	0.5
Coprosma quadrifida	Prickly Currant-bush	0.36	Isolepis inundata	Swamp Club-sedge	0.75
Cyperus lucidus	Leafy Flat-sedge	0.29	Leptospermum lanigerum	Woolly Tea-tree	0.75
Dianella tasmanica	Tasman Flax-lily	0.5	Melaleuca squarrosa	Scented Paperbark	0.5
Dichondra repens	Kidney-weed	0.71	Olearia lirata	Snowy Daisy-bush	0.75
Echinopogon ovatus	Common Hedgehog-grass	0.36	Ozothamnus ferrugineus	Tree Everlasting	0.75
Eucalyptus obliqua	Messmate Stringybark	0.29	Poa ensiformis	Sword Tussock-grass	0.5
Eucalyptus viminalis	Manna Gum	0.43	Poa tenera	Slender Tussock-grass	0.75
Geranium potentilloides	Cinquefoil Cranesbill	0.64	Pomaderris aspera	Hazel Pomaderris	1
Gonocarpus tetragynus	Common Raspwort	0.57	Pteridium esculentum	Austral Bracken	0.75
Goodenia ovata	Hop Goodenia	0.29	* Rorippa nasturtium-aquaticum	Two-row Water-cress	0.5
Gratiola peruviana	Austral Brooklime	0.43	Rubus parvifolius	Small-leaf Bramble	0.5
* Holcus lanatus	Yorkshire Fog	0.43	Urtica incisa	Scrub Nettle	0.5
Hydrocotyle hirta	Hairy Pennywort	0.5			
* Hypochoeris radicata	Cat's Ear	0.79			
Isolepis inundata	Swamp Club-sedge	0.43			
Lobelia pedunculata s.l.	Matted Pratia	0.29			
Lomandra longifolia	Spiny-headed Mat-rush	0.5			
Mentha australis	River Mint	0.29			
Microlaena stipoides var. stipoide	Weeping Grass	1			
Olearia argophylla	Musk Daisy-bush	0.29			
Olearia lirata	Snowy Daisy-bush	0.43			
Oxalis perennans	Grassland Wood-sorrel	0.5			
Poa labillardierei	Common Tussock-grass	0.71			
Poa tenera	Slender Tussock-grass	0.29			
Polystichum proliferum	Mother Shield-fern	0.71			
Pomaderris aspera	Hazel Pomaderris	0.64			
Prostanthera lasianthos	Victorian Christmas-bush	0.43			
* Prunella vulgaris	Self-heal	0.57			
Pteridium esculentum	Austral Bracken	0.71			
* Rubus fruticosus spp. agg.	Blackberry	0.43			
Senecio linearifolius	Fireweed Groundsel	0.29			
Senecio minimus	Shrubby Fireweed	0.36			
* Sonchus asper s.l.	Rough Sow-thistle	0.36			
Stellaria pungens	Prickly Starwort	0.86			
Tetrarrhena juncea	Forest Wire-grass	0.43			

OP Character Species

	Species	Common Name	AROT/VROT/Freq.
	Acacia melanoxylon	Blackwood	1
	Acacia verticillata	Prickly Moses	0.5
	Acaena novae-zelandiae	Bidgee-widgee	0.33
	Adiantum aethiopicum	Common Maidenhair	0.5
	Australina pusilla ssp. muelleri	Shade Nettle	0.33
	Blechnum minus	Soft Water-fern	0.33
	Blechnum nudum	Fishbone Water-fern	0.5
*	Bromus diandrus	Great Brome	0.33
	Carex appressa	Tall Sedge	0.67
*	Cirsium vulgare	Spear Thistle	0.5
	Clematis aristata	Mountain Clematis	0.67
	Coprosma quadrifida	Prickly Currant-bush	0.83
	Dicksonia antarctica	Soft Tree-fern	0.67
	Eucalyptus ovata	Swamp Gum	0.33
	Eucalyptus viminalis	Manna Gum	0.67
	Geranium potentilloides	Cinquefoil Cranesbill	0.5
	Goodenia ovata	Hop Goodenia	0.33
	Gynatrix pulchella s.l.	Hemp Bush	0.67
	Hedycarya angustifolia	Austral Mulberry	0.33
	Histiopteris incisa	Bat's Wing Fern	0.5
*	Holcus lanatus	Yorkshire Fog	0.33
*	Hypericum androsaemum	Tutsan	0.33
*	Hypochoeris radicata	Cat's Ear	0.5
	Isolepis inundata	Swamp Club-sedge	0.33
	Lobelia pedunculata s.l.	Matted Pratia	0.33
	Melaleuca squarrosa	Scented Paperbark	0.33
	Microlaena stipoides var. stipoide	Weeping Grass	0.5
	Notelaea ligustrina	Privet Mock-olive	0.33
	Olearia lirata	Snowy Daisy-bush	0.33
	Ozothamnus ferrugineus	Tree Everlasting	0.33
	Poa labillardierei	Common Tussock-grass	0.33
	Poa sieberiana	Grey Tussock-grass	0.33
	Poa tenera	Slender Tussock-grass	0.33
	Polystichum proliferum	Mother Shield-fern	0.5
	Pomaderris aspera	Hazel Pomaderris	0.67
	Prostanthera lasianthos	Victorian Christmas-bush	0.33
	Pteridium esculentum	Austral Bracken	0.5
*	Rubus fruticosus spp. agg.	Blackberry	0.5
	Rubus parvifolius	Small-leaf Bramble	0.5
	Sambucus gaudichaudiana	White Elderberry	0.33
	Senecio minimus	Shrubby Fireweed	0.5
*	Sonchus oleraceus	Common Sow-thistle	0.33
	Stellaria flaccida	Forest Starwort	0.5
	Tetrarrhena juncea	Forest Wire-grass	0.67
	Urtica incisa	Scrub Nettle	0.33

OR Character Species

	Species	Common Name	AROT/VROT/Freq.
	Acacia melanoxylon	Blackwood	0.95
	Australina pusilla ssp. muelleri	Shade Nettle	0.67
	Bedfordia arborescens	Blanket-leaf	0.33
	Blechnum chambersii	Lance Water-fern	0.37
	Blechnum nudum	Fishbone Water-fern	0.33
	Blechnum wattsii	Hard Water-fern	0.33
	Carex appressa	Tall Sedge	0.47
	Clematis aristata	Mountain Clematis	0.84
	Coprosma quadrifida	Prickly Currant-bush	0.93
	Crepidomanes venosum	Veined Bristle-fern	0.26
	Cyathea australis	Rough Tree-fern	0.4
	Dicksonia antarctica	Soft Tree-fern	0.72
	Eucalyptus viminalis	Manna Gum	0.44
	Grammitis billardierei	Common Finger-fern	0.28
	Hedycarya angustifolia	Austral Mulberry	0.77
	Histiopteris incisa	Bat's Wing Fern	0.33
	Hydrocotyle hirta	Hairy Pennywort	0.3
	Hymenophyllum australe	Austral Filmy Fern	0.26
	Hymenophyllum cupressiforme	Common Filmy Fern	0.3
	Lastreopsis acuminata	Shiny Shield-fern	0.3
	Microsorum pustulatum ssp. pust	Kangaroo Fern	0.81
	Notelaea ligustrina	Privet Mock-olive	0.28
	Olearia argophylla	Musk Daisy-bush	0.86
	Pimelea axiflora	Bootlace Bush	0.33
	Pittosporum bicolor	Banyalla	0.37
	Polystichum proliferum	Mother Shield-fern	0.79
	Pomaderris aspera	Hazel Pomaderris	0.72
	Pteridium esculentum	Austral Bracken	0.28
*	Rubus fruticosus spp. agg.	Blackberry	0.28
	Rumohra adiantiformis	Leathery Shield-fern	0.37

WP Character Species

	Species	Common Name	AROT/VROT/Freq.
	Acacia melanoxylon	Blackwood	1
	Blechnum nudum	Fishbone Water-fern	1
	Blechnum wattsii	Hard Water-fern	0.5
	Carex appressa	Tall Sedge	0.5
	Clematis aristata	Mountain Clematis	0.5
	Coprosma quadrifida	Prickly Currant-bush	1
	Dicksonia antarctica	Soft Tree-fern	0.5
	Eucalyptus viminalis	Manna Gum	0.75
	Gahnia sieberiana	Red-fruit Saw-sedge	0.75
	Gleichenia microphylla	Scrambling Coral-fern	0.5
	Hedycarya angustifolia	Austral Mulberry	0.75
	Hypolepis rugosula	Ruddy Ground-fern	0.75
	Leptospermum continentale	Prickly Tea-tree	0.5
	Melaleuca squarrosa	Scented Paperbark	0.5
	Microsorum pustulatum ssp. pust	Kangaroo Fern	0.5
	Notelaea ligustrina	Privet Mock-olive	0.5
	Parsonsia brownii	Twining Silkpod	0.5
	Pomaderris aspera	Hazel Pomaderris	0.75
*	Rubus fruticosus spp. agg.	Blackberry	0.5
	Tasmannia lanceolata	Mountain Pepper	0.5
	Tetrarrhena juncea	Forest Wire-grass	1
	Todea barbara	Austral King-fern	0.75
	Urtica incisa	Scrub Nettle	0.5

The EVC has been recorded in the following localities and sub-catchments in the CCMA region

Sambucus gaudichaudiana	White Elderberry	0.47
Stellaria flaccida	Forest Starwort	0.4
Tetrarrhena juncea	Forest Wire-grass	0.63
Uncinia tenella	Delicate Hook-sedge	0.28
Urtica incisa	Scrub Nettle	0.6

Species only recorded for this EVC   AROT/VROT

	Australina pusilla	Shade Nettle
	Blechnum patersonii ssp. patersonii	Strap Water-fern
	Callitriche muelleri	Round Water-starwort
*	Cerastium semidecandrum s.l.	Mouse-ear Chickweed
	Cyperus exaltatus	Tall Flat-sedge
	Deyeuxia rodwayi	Tasman Bent-grass
	Leucopogon lanceolatus var. lanceolatus	Lance Beard-heath
	Lyperanthus suaveolens	Brown-beaks
	Mazus pumilio	Swamp Mazus
	Pterostylis falcata s.s.	Large Sickle Greenhood
*	Ranunculus parviflorus	Small-flower Buttercup

AIREYS INLET	Southern Otway	Otway Plain (OP)
APOLLO BAY	Southern Otway	Otway Ranges (OR)
BARRAMUNGA	Gellibrand	Otway Ranges (OR)
BARRAMUNGA	Upper Barwon	Otway Ranges (OR)
BARWON DOWNS	Upper Barwon	Otway Plain (OP)
BARWON DOWNS	Upper Barwon	Otway Ranges (OR)
BEECH FOREST	Gellibrand	Otway Ranges (OR)
BRUCKNELL	Curdies	Warrnambool Plain (WP)
CAPE OTWAY	Southern Otway	Otway Plain (OP)
CAPE OTWAY	Southern Otway	Otway Ranges (OR)
CARLISLE RIVER	Gellibrand	Otway Plain (OP)
CARLISLE RIVER	Gellibrand	Otway Ranges (OR)
CHAPPLE VALE	Gellibrand	Otway Plain (OP)
CHAPPLE VALE	Gellibrand	Warrnambool Plain (WP)
COBDEN	Curdies	Warrnambool Plain (WP)
CURDIES RIVER	Curdies	Warrnambool Plain (WP)
EASTERN VIEW	Southern Otway	Otway Ranges (OR)
ELINGAMITE	Curdies	Victorian Volcanic Plain (VP)
ELINGAMITE	Curdies	Warrnambool Plain (WP)
FAIRHAVEN	Southern Otway	Otway Plain (OP)
FORREST	Upper Barwon	Otway Ranges (OR)
GELLIBRAND	Gellibrand	Otway Plain (OP)
GELLIBRAND	Gellibrand	Otway Ranges (OR)
GELLIBRAND LOWER	Gellibrand	Otway Ranges (OR)
GELLIBRAND LOWER	Gellibrand	Warrnambool Plain (WP)
GLENAIRE	Southern Otway	Otway Ranges (OR)
GLENFYNE	Curdies	Victorian Volcanic Plain (VP)
GLENFYNE	Curdies	Warrnambool Plain (WP)
JANCOURT	Curdies	Warrnambool Plain (WP)
JOHANNA	Southern Otway	Otway Ranges (OR)
KAWARREN	Gellibrand	Otway Plain (OP)
KENNEDYS CREEK	Gellibrand	Otway Plain (OP)
KENNEDYS CREEK	Gellibrand	Warrnambool Plain (WP)
KORWEINGUBOORA		Central Victorian Uplands (CV
LAVERS HILL	Gellibrand	Otway Ranges (OR)
NIRRANDA EAST	Curdies	Warrnambool Plain (WP)
PRINCETOWN	Gellibrand	Warrnambool Plain (WP)
SCOTTS CREEK	Curdies	Warrnambool Plain (WP)
SIMPSON	Gellibrand	Otway Plain (OP)
SIMPSON	Gellibrand	Warrnambool Plain (WP)
TIMBOON	Curdies	Warrnambool Plain (WP)
WONGARRA	Southern Otway	Otway Ranges (OR)
WYELANGTA	Gellibrand	Otway Ranges (OR)
WYELANGTA	Southern Otway	Otway Ranges (OR)

CCMA Master Species list for EVC

Climbers

				AROTS:	VROTS:	Reveg'n	Structural	Water	OP	OR	VP	WP	CVU
*	Acetosa sagittata	Rambling Dock	Climber			☐	☐	☐		■		■	
	Amyema pendula	Drooping Mistletoe	Epiphyte			☐	☐	☐		■		■	
	Billardiera longiflora var. longiflora	Purple Apple-berry	Climber			☑	☐	☐		■		■	
	Billardiera scandens	Common Apple-berry	Climber			☑	☐	☐		■		■	
	Calystegia marginata	Forest Bindweed	Climber			☐	☐	☐		■		■	
	Clematis aristata	Mountain Clematis	Climber			☐	☐	☐	0.67	0.84	0.75	0.5	0.57
	Crepidomanes venosum	Veined Bristle-fern	Epiphyte			☐	☐	☐		0.26			
	Glycine clandestina	Twining Glycine	Climber			☑	☐	☐		■			
	Hymenophyllum australe	Austral Filmy Fern	Epiphyte			☐	☐	☐		0.26			
	Hymenophyllum cupressiforme	Common Filmy Fern	Epiphyte			☐	☐	☐		0.3			
	Hymenophyllum flabellatum	Shiny Filmy Fern	Epiphyte			☐	☐	☐		■		■	
	Microsorum pustulatum ssp. pustulatum	Kangaroo Fern	Epiphyte			☐	☐	☐		0.81		0.5	
	Parsonsia brownii	Twining Silkpod	Climber			☑	☐	☐		■		0.5	
	Rumohra adiantiformis	Leathery Shield-fern	Epiphyte			☐	☐	☐		0.37		■	
*	Vicia sativa ssp. sativa	Common Vetch	Climber			☐	☐	☐					

Grasses/Sedges

				AROTS:	VROTS:	Reveg'n	Structural	Water	OP	OR	VP	WP	CVU
*	Anthoxanthum odoratum	Sweet Vernal-grass	Medium Tussock grass/sedge			☐	☐	☐		■		■	
	Austrodanthonia setacea	Bristly Wallaby-grass	Medium Tussock grass/sedge			☑	☐	☐		■		■	
*	Bromus catharticus	Prairie Grass	Medium Tussock grass/sedge			☐	☐	☐		■		■	

	Species	Common Name	Growth Form	AROTS	VROTS	Reveg'n	Structural	Water	OP	OR	VP	WP	CVU
*	Bromus diandrus	Great Brome	Medium Tussock grass/sedge						0.33				
	Carex appressa	Tall Sedge	Large Tussock grass/sedge			✓	✓	✓	0.67	0.47	0.5	0.5	0.5
	Carex fascicularis	Tassel Sedge	Medium Tussock grass/sedge			✓		✓					
	Carex gaudichaudiana	Fen Sedge	Small Tussock grass/sedge			✓		✓			0.75		
*	Critesion murinum ssp. leporinum	Wall Barley-grass	Small Tussock grass/sedge					✓					
*	Cynosurus cristatus	Crested Dog's-tail	Medium grass/sedge										
	Cyperus exaltatus	Tall Flat-sedge	Large grass/sedge					✓					
	Cyperus lucidus	Leafy Flat-sedge	Large Tussock grass/sedge					✓					0.29
*	Dactylis glomerata	Cocksfoot	Medium grass/sedge					✓					
	Deyeuxia quadriseta	Reed Bent-grass	Large Tussock grass/sedge			✓		✓					
	Deyeuxia rodwayi	Tasman Bent-grass	Medium grass/sedge			✓							
	Echinopogon ovatus	Common Hedgehog-grass	Medium grass/sedge			✓							0.36
	Gahnia sieberiana	Red-fruit Saw-sedge	Large Tussock grass/sedge			✓		✓				0.75	
	Glyceria australis	Australian Sweet-grass	Medium Tussock grass/sedge			✓		✓					
*	Glyceria declinata	Manna Grass	Large grass/sedge										
	Hemarthria uncinata var. uncinata	Mat Grass	Medium grass/sedge					✓					
*	Holcus lanatus	Yorkshire Fog	Large grass/sedge					✓	0.33				0.43
*	Holcus setosus	Annual Fog	Small grass/sedge										
	Isolepis inundata	Swamp Club-sedge	Small Tussock grass/sedge					✓	0.33		0.75		0.43
	Isolepis wakefieldiana	Tufted Club-sedge	Small Tussock grass/sedge		r			✓					
*	Juncus articulatus	Jointed Rush	Small Tussock grass/sedge					✓					
	Juncus pallidus	Pale Rush	Large Tussock grass/sedge			✓	✓	✓					
	Juncus pauciflorus	Loose-flower Rush	Medium Tussock grass/sedge			✓	✓	✓					
	Lepidosperma elatius	Tall Sword-sedge	Large Tussock grass/sedge					✓					
	Lepidosperma filiforme	Common Rapier-sedge	Medium Tussock grass/sedge										
	Lepidosperma gladiatum	Coast Sword-sedge	Medium Tussock grass/sedge										
	Lepidosperma laterale var. majus	Variable Sword-sedge	Large Tussock grass/sedge										
*	Lolium perenne	Perennial Rye-grass	Medium Tussock grass/sedge										
	Microlaena stipoides var. stipoides	Weeping Grass	Medium grass/sedge			✓			0.5				1
*	Paspalum dilatatum	Paspalum	Medium Tussock grass/sedge					✓					
*	Paspalum distichum	Water Couch	Medium grass/sedge					✓					
	Phragmites australis	Common Reed	Large grass/sedge				✓	✓					
*	Poa annua	Annual Meadow-grass	Small Tussock grass/sedge										
	Poa ensiformis	Sword Tussock-grass	Medium Tussock grass/sedge			✓					0.5		
	Poa labillardierei	Common Tussock-grass	Medium Tussock grass/sedge			✓	✓	✓	0.33				0.71
	Poa sieberiana	Grey Tussock-grass	Medium Tussock grass/sedge			✓	✓		0.33				
	Poa sieberiana var. hirtella	Grey Tussock-grass	Medium Tussock grass/sedge			✓							
	Poa sieberiana var. sieberiana	Grey Tussock-grass	Medium Tussock grass/sedge			✓							
	Poa tenera	Slender Tussock-grass	Medium grass/sedge			✓	✓		0.33		0.75		0.29
	Schoenus maschalinus	Leafy Bog-sedge	Small Tussock grass/sedge					✓					
	Tetrarrhena distichophylla	Hairy Rice-grass	Small grass/sedge				✓						
	Tetrarrhena juncea	Forest Wire-grass	Large grass/sedge				✓		0.67	0.63		1	0.43
	Uncinia tenella	Delicate Hook-sedge	Small grass/sedge							0.28			

Groundcovers (not grass-like)

AROTS: VROTS: Reveg'n Structural Water OP/ OR/ VP/ WP/ CVU

	Species	Common Name	Growth Form	AROTS	VROTS	Reveg'n	Structural	Water	OP	OR	VP	WP	CVU
	Acaena novae-zelandiae	Bidgee-widgee	Medium Forb/Herb						0.33				0.93
*	Acetosella vulgaris	Sheep Sorrel	Medium Forb/Herb					✓					
	Adiantum aethiopicum	Common Maidenhair	Tufted Ground Fern						0.5				0.71
*	Anagallis arvensis	Pimpernel	Medium Forb/Herb					✓					
*	Atriplex prostrata	Hastate Orache	Medium Forb/Herb					✓					
	Australina pusilla	Shade Nettle	Medium Forb/Herb										
	Australina pusilla ssp. muelleri	Shade Nettle	Medium Forb/Herb						0.33	0.67			
	Austrocynoglossum latifolium	Forest Hound's-tongue	Medium Forb/Herb										
	Blechnum chambersii	Lance Water-fern	Tufted Ground Fern					✓		0.37			
	Blechnum minus	Soft Water-fern	Tufted Ground Fern					✓	0.33				
	Blechnum nudum	Fishbone Water-fern	Tufted Ground Fern					✓	0.5	0.33	0.5	1	0.64
	Blechnum patersonii ssp. patersonii	Strap Water-fern	Tufted Ground Fern					✓					
	Blechnum wattsii	Hard Water-fern	Rhizomatous Ground Fern					✓		0.33	0.75	0.5	
	Boronia nana var. nana	Dwarf Boronia	Prostrate Shrub		r								
	Burnettia cuneata	Lizard Orchid	Medium Forb/Herb	R	r								

18

	Scientific Name	Common Name	Growth Form							
	Callitriche muelleri	Round Water-starwort	Prostrate or Mat-forming Forb/	☐	☐	☑				
	Callitriche spp.	Water Starwort	Prostrate or Mat-forming Forb/	☐	☐	☑				
*	Callitriche stagnalis	Common Starwort	Prostrate or Mat-forming Forb/	☐	☐	☑				
	Calochlaena dubia	Common Ground-fern	Rhizomatous Ground Fern	☐	☐	☐				
*	Cardamine hirsuta s.l.	Common Bitter-cress	Medium Forb/Herb	☐	☐	☐				
*	Carduus pycnocephalus	Slender Thistle	Large Forb/Herb	☐	☐	☐				
*	Centaurium erythraea	Common Centaury	Medium Forb/Herb	☐	☐	☐				0.43
*	Cerastium glomeratum s.l.	Common Mouse-ear Chickweed	Medium Forb/Herb	☐	☐	☑				
*	Cerastium semidecandrum s.l.	Mouse-ear Chickweed	Medium Forb/Herb	☐	☐	☑				
	Chenopodium glaucum	Glaucous Goosefoot	Prostrate or Mat-forming Forb/	☐	☐	☑				
*	Cirsium arvense	Perennial Thistle	Large Forb/Herb	☐	☐	☐				
*	Cirsium vulgare	Spear Thistle	Large Forb/Herb	☐	☐	☑	0.5			0.29
*	Conyza bonariensis	Flaxleaf Fleabane	Large Forb/Herb	☐	☐	☐				
	Coprosma reptans	Dwarf Nertera	Prostrate or Mat-forming Forb/	☑	☐	☑				
*	Cotula coronopifolia	Water Buttons	Medium Forb/Herb	☐	☐	☑				
	Ctenopteris heterophylla	Gipsy Fern	Tufted Ground Fern	☐	☐	☐				
	Cyathea australis	Rough Tree-fern	Tree Fern	☐	☐	☐		0.4		
	Cynoglossum suaveolens	Sweet Hound's-tongue	Medium Forb/Herb	☐	☐	☐				
*	Delairea odorata	Cape Ivy	Scrambler	☐	☐	☐				
	Derwentia derwentiana	Derwent Speedwell	Large Forb/Herb	☑	☐	☐				
	Dianella revoluta s.l.	Black-anther Flax-lily	Medium Forb/Herb	☑	☐	☐				
	Dianella tasmanica	Tasman Flax-lily	Medium Forb/Herb	☑	☐	☐				0.5
	Dichondra repens	Kidney-weed	Prostrate or Mat-forming Forb/	☐	☐	☐				0.71
	Dicksonia antarctica	Soft Tree-fern	Tree Fern	☐	☐	☐	0.67	0.72	0.5	
	Doodia australis	Common Rasp-fern	Tufted Ground Fern	☐	☐	☐				
	Drosera peltata	Pale Sundew	Medium Forb/Herb	☐	☐	☐				
	Drosera peltata ssp. peltata	Pale Sundew	Medium Forb/Herb	☐	☐	☐				
	Epilobium billardierianum	Variable Willow-herb	Large Forb/Herb	☐	☐	☑				
	Euchiton involucratus s.l.	Common Cudweed	Medium Forb/Herb	☐	☐	☐				
	Euchiton involucratus s.s.	Star Cudweed	Medium Forb/Herb	☐	☐	☐				
	Euchiton sphaericus	Annual Cudweed	Medium Forb/Herb	☐	☐	☐				
*	Euphorbia paralias	Sea Spurge	Large Forb/Herb	☐	☐	☐				
	Galium propinquum	Maori Bedstraw	Prostrate or Mat-forming Forb/	☐	☐	☐				
*	Gamochaeta purpurea s.s.	Spiked Cudweed	Medium Forb/Herb	☐	☐	☐				
	Gastrodia sesamoides s.l.	Cinnamon Bells	Large Forb/Herb	☐	☐	☐				
	Geranium potentilloides	Cinquefoil Cranesbill	Medium Forb/Herb	☑	☐	☐	0.5			0.64
	Geranium solanderi s.l.	Austral Cranesbill	Medium Forb/Herb	☑	☐	☐				
	Gleichenia microphylla	Scrambling Coral-fern	Rhizomatous Ground Fern	☐	☐	☐			0.5	
	Gonocarpus humilis	Shade Raspwort	Medium Forb/Herb	☐	☐	☐				
	Gonocarpus micranthus ssp. micranthus	Creeping Raspwort	Prostrate or Mat-forming Forb/	☐	☐	☑				
	Gonocarpus tetragynus	Common Raspwort	Medium Forb/Herb	☐	☐	☐				0.57
	Grammitis billardierei	Common Finger-fern	Tufted Ground Fern	☐	☐	☐		0.28		
	Gratiola peruviana	Austral Brooklime	Medium Forb/Herb	☐	☐	☑				0.43
	Histiopteris incisa	Bat's Wing Fern	Rhizomatous Ground Fern	☐	☐	☐	0.5	0.33		
	Hydrocotyle hirta	Hairy Pennywort	Medium Forb/Herb	☐	☐	☐		0.3		0.5
	Hydrocotyle sibthorpioides	Shining Pennywort	Prostrate or Mat-forming Forb/	☐	☐	☑				
*	Hypericum androsaemum	Tutsan	Large Forb/Herb	☐	☐	☐	0.33			
*	Hypericum perforatum	St John's Wort	Large Forb/Herb	☐	☐	☐				
*	Hypochoeris radicata	Cat's Ear	Large Forb/Herb	☐	☐	☐	0.5			0.79
	Hypolepis rugosula	Ruddy Ground-fern	Rhizomatous Ground Fern	☐	☐	☐			0.75	
	Lagenophora stipitata	Common Bottle-daisy	Medium Forb/Herb	☐	☐	☐				
	Lastreopsis acuminata	Shiny Shield-fern	Tufted Ground Fern	☐	☐	☐		0.3		
*	Leontodon taraxacoides ssp. taraxacoides	Hairy Hawkbit	Medium Forb/Herb	☐	☐	☐				
*	Leucanthemum vulgare	Ox-eye Daisy	Large Forb/Herb	☐	☐	☐				
	Lindsaea linearis	Screw Fern	Rhizomatous Ground Fern	☐	☐	☐				
	Lobelia anceps	Angled Lobelia	Medium Forb/Herb	☐	☐	☑				
	Lobelia pedunculata s.l.	Matted Pratia	Prostrate or Mat-forming Forb/	☐	☐	☑	0.33			0.29
	Lomandra longifolia	Spiny-headed Mat-rush	Large Forb/Herb	☑	☑	☐				0.5
	Lomandra multiflora ssp. multiflora	Many-flowered Mat-rush	Large Forb/Herb	☑	☐	☐				
*	Lotus corniculatus	Bird's-foot Trefoil	Medium Forb/Herb	☐	☐	☐				

18

	Species	Common Name	Growth Form								
*	Lotus suaveolens	Hairy Bird's-foot Trefoil	Medium Forb/Herb			✔					
*	Lotus uliginosus	Greater Bird's-foot Trefoil	Medium Forb/Herb			✔					
	Lyperanthus suaveolens	Brown-beaks	Medium Forb/Herb								
	Lythrum hyssopifolia	Small Loosestrife	Medium Forb/Herb			✔					
	Mazus pumilio	Swamp Mazus	Medium Forb/Herb			✔					
*	Medicago lupulina	Black Medic	Medium Forb/Herb								
	Mentha australis	River Mint	Medium Forb/Herb			✔					0.29
	Muehlenbeckia adpressa	Climbing Lignum	Scrambler	✔							
	Oxalis exilis	Shady Wood-sorrel	Prostrate or Mat-forming Forb/								
	Oxalis perennans	Grassland Wood-sorrel	Medium Forb/Herb								0.5
	Pelargonium australe	Austral Stork's-bill	Large Forb/Herb	✔							
	Pelargonium rodneyanum	Magenta Stork's-bill	Medium Forb/Herb	✔							
	Pellaea falcata s.l.	Sickle Fern	Tufted Ground Fern								
	Persicaria decipiens	Slender Knotweed	Large Forb/Herb			✔					
	Plantago debilis	Shade Plantain	Medium Forb/Herb								
*	Plantago lanceolata	Ribwort	Large Forb/Herb			✔					
*	Plantago major	Greater Plantain	Medium Forb/Herb								
	Pneumatopteris pennigera	Lime Fern	Tufted Ground Fern	e							
	Polystichum proliferum	Mother Shield-fern	Tufted Ground Fern	✔			0.5	0.79			0.71
*	Prunella vulgaris	Self-heal	Medium Forb/Herb			✔					0.57
	Pseudognaphalium luteoalbum	Jersey Cudweed	Medium Forb/Herb			✔					
	Pteridium esculentum	Austral Bracken	Rhizomatous Ground Fern		✔		0.5	0.28	0.75		0.71
	Pterostylis falcata s.s.	Large Sickle Greenhood	Medium Forb/Herb								
	Pterostylis longifolia s.l.	Tall Greenhood	Large Forb/Herb								
	Pterostylis pedunculata	Maroonhood	Medium Forb/Herb								
	Ranunculus amphitrichus	Small River Buttercup	Prostrate or Mat-forming Forb/			✔					
*	Ranunculus parviflorus	Small-flower Buttercup	Medium Forb/Herb			✔					
*	Ranunculus repens	Creeping Buttercup	Medium Forb/Herb			✔					
*	Rorippa nasturtium-aquaticum	Two-row Water-cress	Medium Forb/Herb			✔			0.5		
*	Rubus erythrops	Blackberry	Scrambler								
*	Rubus fruticosus spp. agg.	Blackberry	Scrambler				0.5	0.28		0.5	0.43
	Rubus parvifolius	Small-leaf Bramble	Scrambler	✔			0.5		0.5		
*	Rubus polyanthemus	Blackberry	Scrambler								
*	Rubus sp. aff. armeniacus	Blackberry	Scrambler								
	Rumex brownii	Slender Dock	Medium Forb/Herb			✔					
*	Rumex conglomeratus	Clustered Dock	Large Forb/Herb			✔					
	Sambucus gaudichaudiana	White Elderberry	Medium Forb/Herb	✔			0.33	0.47			
	Scutellaria humilis	Dwarf Skullcap	Medium Forb/Herb								
	Selaginella uliginosa	Swamp Selaginella	Medium Forb/Herb			✔					
	Senecio glomeratus	Annual Fireweed	Large Forb/Herb								
*	Senecio jacobaea	Ragwort	Large Forb/Herb								
	Senecio linearifolius	Fireweed Groundsel	Large Forb/Herb								0.29
	Senecio minimus	Shrubby Fireweed	Large Forb/Herb				0.5				0.36
*	Silybum marianum	Variegated Thistle	Large Forb/Herb								
*	Solanum nigrum s.l.	Black Nightshade	Large Forb/Herb								
*	Sonchus asper s.l.	Rough Sow-thistle	Large Forb/Herb								0.36
*	Sonchus oleraceus	Common Sow-thistle	Large Forb/Herb				0.33				
	Stellaria flaccida	Forest Starwort	Medium Forb/Herb				0.5	0.4			
	Stellaria pungens	Prickly Starwort	Medium Forb/Herb								0.86
	Sticherus tener s.l.	Silky Fan-fern	Rhizomatous Ground Fern								
*	Taraxacum officinale spp. agg.	Garden Dandelion	Medium Forb/Herb								
	Tetragonia implexicoma	Bower Spinach	Scrambler			✔					
	Todea barbara	Austral King-fern	Tree Fern							0.75	
*	Trifolium repens var. repens	White Clover	Prostrate or Mat-forming Forb/								
	Triglochin procerum s.l.	Water Ribbons	Large Forb/Herb			✔					
	Triglochin striatum	Streaked Arrowgrass	Medium Forb/Herb			✔					
	Urtica incisa	Scrub Nettle	Large Forb/Herb			✔	0.33	0.6	0.5	0.5	
*	Urtica urens	Small Nettle	Large Forb/Herb								
	Veronica calycina	Hairy Speedwell	Medium Forb/Herb								
	Veronica notabilis	Forest Speedwell	Medium Forb/Herb								

18

	Scientific Name	Common Name	Form	AROTS/VROTS	Reveg'n	Structural	Water	OP	OR	VP	WP	CVU
*	Vinca major	Blue Periwinkle	Scrambler									
	Viola hederacea s.l.	Ivy-leaf Violet	Medium Forb/Herb		✓							
	Viola hederacea s.s.	Ivy-leaf Violet	Medium Forb/Herb		✓							
*	Viola odorata	Common Violet	Medium Forb/Herb									
	Wahlenbergia gracilis s.l.	Sprawling Bluebell	Large Forb/Herb		✓							

Shrubs

	Scientific Name	Common Name	Form	AROTS/VROTS	Reveg'n	Structural	Water	OP	OR	VP	WP	CVU
	Acacia verticillata	Prickly Moses	Shrub		✓	✓	✓	0.5				0.29
	Amperea xiphoclada var. xiphoclada	Broom Spurge	Small Shrub		✓	✓						
	Coprosma hirtella	Rough Coprosma	Shrub		✓							
	Coprosma quadrifida	Prickly Currant-bush	Shrub		✓			0.83	0.93	0.5	1	0.36
	Dillwynia glaberrima	Smooth Parrot-pea	Small Shrub		✓							
	Goodenia ovata	Hop Goodenia	Shrub		✓	✓		0.33				0.29
	Gynatrix pulchella s.l.	Hemp Bush	Shrub		✓	✓	✓	0.67				
	Leptospermum continentale	Prickly Tea-tree	Shrub		✓	✓	✓				0.5	
	Leucopogon lanceolatus var. lanceolatus	Lance Beard-heath	Shrub									
	Leucopogon parviflorus	Coast Beard-heath	Shrub									
	Melaleuca squarrosa	Scented Paperbark	Shrub		✓	✓		0.33		0.5	0.5	
	Monotoca elliptica s.l.	Tree Broom-heath	Shrub									
	Olearia lirata	Snowy Daisy-bush	Shrub		✓	✓		0.33		0.75		0.43
	Olearia ramulosa	Twiggy Daisy-bush	Shrub		✓	✓						
	Ozothamnus ferrugineus	Tree Everlasting	Shrub		✓	✓		0.33		0.75		
	Pimelea axiflora	Bootlace Bush	Shrub						0.33			
	Pimelea ligustrina	Tall Rice-flower	Shrub									
	Pomaderris racemosa	Cluster Pomaderris	Shrub		✓	✓						
	Prostanthera melissifolia	Balm Mint-bush	Shrub		✓	✓						
	Pultenaea juniperina s.l.	Prickly Bush-pea	Shrub		✓	✓						
	Pultenaea prolifera	Otway Bush-pea	Small Shrub	r	✓	✓						
*	Rosa rubiginosa	Sweet Briar	Shrub									
	Solanum aviculare	Kangaroo Apple	Shrub									
	Solanum laciniatum	Large Kangaroo Apple	Shrub									
	Spyridium parvifolium	Dusty Miller	Shrub		✓							
	Tasmannia lanceolata	Mountain Pepper	Shrub		✓						0.5	

Trees/Tall Shrubs

	Scientific Name	Common Name	Form	AROTS/VROTS	Reveg'n	Structural	Water	OP	OR	VP	WP	CVU
	Acacia melanoxylon	Blackwood	Small to Medium Tree		✓	✓		1	0.95	1	1	0.71
	Acacia mucronata var. longifolia	Narrow-leaf Wattle	Small to Medium Tree		✓	✓						
	Acacia nano-dealbata	Dwarf Silver Wattle	Small to Medium Tree	r	✓	✓						
	Bedfordia arborescens	Blanket-leaf	Small to Medium Tree		✓	✓			0.33			
	Bursaria spinosa ssp. spinosa	Sweet Bursaria	Small to Medium Tree		✓	✓						
	Correa lawrenceana	Mountain Correa	Small to Medium Tree		✓							
	Eucalyptus cypellocarpa	Mountain Grey-gum	Large Tree		✓	✓						
#	Eucalyptus globulus	Southern Blue-gum	Large Tree									
	Eucalyptus obliqua	Messmate Stringybark	Large Tree		✓	✓						0.29
	Eucalyptus ovata	Swamp Gum	Small to Medium Tree		✓	✓	✓	0.33				
	Eucalyptus viminalis	Manna Gum	Large Tree		✓	✓		0.67	0.44	0.5	0.75	0.43
	Hedycarya angustifolia	Austral Mulberry	Small to Medium Tree		✓			0.33	0.77	0.5	0.75	
	Leptospermum lanigerum	Woolly Tea-tree	Small to Medium Tree		✓	✓	✓			0.75		
	Lomatia fraseri	Tree Lomatia	Small to Medium Tree		✓							
	Monotoca glauca	Currant-wood	Small to Medium Tree	r								
#	Myoporum insulare	Common Boobialla	Small to Medium Tree									
	Notelaea ligustrina	Privet Mock-olive	Small to Medium Tree		✓			0.33	0.28		0.5	
	Nothofagus cunninghamii	Myrtle Beech	Small to Medium Tree		✓	✓						
	Olearia argophylla	Musk Daisy-bush	Small to Medium Tree		✓	✓			0.86			0.29
	Pittosporum bicolor	Banyalla	Small to Medium Tree		✓				0.37			
	Pomaderris aspera	Hazel Pomaderris	Small to Medium Tree		✓	✓		0.67	0.72	1	0.75	0.64
	Prostanthera lasianthos	Victorian Christmas-bush	Small to Medium Tree		✓	✓		0.33				0.43
	Prostanthera lasianthos var. lasianthos	Victorian Christmas-bush	Small to Medium Tree		✓	✓						